WHAT IS CLAIMED IS:

1. A feed belt for strip-shaped elements in an automated large-scale in-line process including plating, deflashing and other various treatments for mass production of semiconductors or other products, comprising:

a belt body; and

a plurality of fingers, the fingers being previously fabricated and coupled to the belt body at constant pitches,

wherein the belt body includes fitting openings and slits formed at one side of the fitting openings, each fitting opening serving to be coupled with a fitting portion and an elastic hinge portion formed at one side of each finger, each slit serving to be coupled with a bent gripper portion formed at the other side of the finger so as to allow movement of the bent gripper portion, and

wherein the fitting portion and the elastic hinge portion of the finger, to be coupled into the fitting opening, are integrally formed, and the bent gripper portion to be fitted into the slit is integrally connected with the elastic hinge portion through a direction conversion portion.

2. The belt as set forth in claim 1, wherein a pair of the fingers are connected to each other about their fitting portions so that their elastic hinge portions, direction

conversion portions, and bent gripper portions face each other, respectively

3. The belt as set forth in claim 1, wherein the elastic hinge portion, direction conversion portion and bent gripper portion are integrally connected to one another so as to form a single structure while remaining the fitting portion.

4. The belt as set forth in claim 1, wherein: the elastic hinge portion of the finger has a coiled spring shape, and is coupled with the fitting portion, thereby forming a coupling portion therebetween, the coupling portion forming an acute angle so as to achieve firm coupling between the finger and the belt body; and

the elastic hinge portion has a diameter larger than a vertical length of the fitting opening formed at the belt body,

whereby a part of the elastic hinge portion can be supported by the belt body while being fitted in the fitting opening.

5. The belt as set forth in claim 1, wherein the direction conversion portion of the finger has a coiled spring shape.

6. The belt as set forth in claim 1, wherein the

direction conversion portion of the finger has a simple curved shape.